

12-17-01



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PATENT TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT EXAMINING OPERATION

Attorney Docket No.: 1043.08

Box Patent Application  
U.S. Patent and Trademark  
Box P.O. Box 2327  
Arlington, VA 22202

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of:

Inventors: Raúl A. Casas, Azzédine Touzni, Thomas J. Endres, Stephen L. Biracree,  
Christopher H. Strolle and Samir N. Hulyalkar

For: Linear Prediction Based Initialization Of A Single-Axis Blind Equalizer  
For VSB Signals

ENCLOSED ARE:

1. New Application Transmittal (3 pages, with 2 copies);
2. Unexecuted Combined Declaration and Power of Attorney (3 pages);
3. Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i) (1 page);
4. Information Disclosure Statement with Form PTO-1449 (3 pages, with 6 references); and
5. Patent Application with Informal Drawings (1 Cover Page; 25 Pages of Specification; 8 Pages of Claims; 1 Page of Abstract; 9 Sheet of Drawings)

BENEFIT OF PRIOR FOREIGN APPLICATION (35 USC 119):

[ ] Not Applicable.

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Certification Under 37 CFR 1.10

"Express Mail" Mailing Label No. EL875316915US

Date of Deposit December 11, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service's "Express Mail Post Office To Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202.

Mary E. Caniz  
(Name of person mailing)

Mary E. Caniz  
(Signature of person mailing)



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NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)

- ☒ I hereby certify that the invention disclosed in the attached application **has not and is not currently expected to be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.
- ☐ I hereby request that the attached application **not be** published under 35 U.S.C. 122(b).

BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION (35 USC 119(e))

- ☐ Not Applicable.
- ☒ In accordance with 35 U.S.C. § 119(e), applicants hereby claim the benefit of the filing date of a prior U.S. provisional application, namely:

U.S. Application No. 60/254,829 Filed: 12/12/00

BENEFIT OF PRIOR U.S. APPLICATION (35 USC 120):

- ☐ Not Applicable.
- ☐ In accordance with 35 U.S.C. § 120, applicants hereby claims the benefit of the filing date of a prior U.S. application, namely:

U.S. Application No. 08/ Filed:

ASSIGNMENT:

- ☐ An Assignment of the invention to NxtWave Communications, a Delaware corporation having a mailing address of One Summit Square, Route 413 & Doublewoods Road, Langhorne, Pennsylvania 19047, is enclosed.

SMALL ENTITY STATUS

- ☒ Applicant claims small entity status under 37 CFR 1.27.



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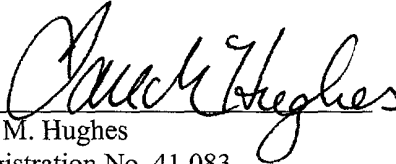
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PLEASE DIRECT ALL CORRESPONDENCE TO:

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Respectfully submitted,

Date: December 11, 2001  
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2001 DEC 11 10 11 AM '01



**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re: Attorney Docket No. 1043.003

In re application of: Raúl A. Casas, Azzédine Touzni, Thomas J. Endres, Stephen L. Biracree, Christopher H. Strolle and Samir N. Hulyalkar

Serial No.: Not yet assigned  
Filed: Not yet assigned

Group No.: Not yet known  
Examiner: Not yet known

For: Linear Prediction Based Initialization Of A Single-Axis Blind Equalizer For VSB Signals

**REQUEST AND CERTIFICATION UNDER**  
**35 U.S.C. 122(b)(2)(B)(i)**

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P.O. Box 2327  
Arlington, VA 22202.

Dear Sir:

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Respectfully submitted,

Date: December 11, 2001  
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Certification Under 37 CFR 1.8

Date of Deposit December 11, 2001.

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Mary E. Caniz  
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